

Device and method for health monitoring of an area
of a structural element, and structure adapted
for health monitoring of an area of a structural
element of said structure

ABSTRACT

Device for health monitoring of a structure comprising a dielectric material of permittivity ϵ_r , comprising a source of electromagnetic radiation, generating an electric field in the structure
a detector measuring a component of the electric field, calculation means giving the value of ϵ_r on the basis of the said component.

FIGURE 2